

10590404

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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	3	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	5	JUL 28	STN Viewer performance improved
NEWS	6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	7	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	9	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	12	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	14	SEP 29	IFICLS enhanced with new super search field
NEWS	15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS	19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS	20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS	21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8        For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:23:51 ON 29 OCT 2008

=>

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Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:24:07 ON 29 OCT 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 OCT 2008 HIGHEST RN 1067631-14-4

DICTIONARY FILE UPDATES: 28 OCT 2008 HIGHEST RN 1067631-14-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

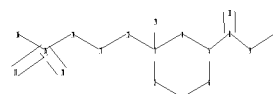
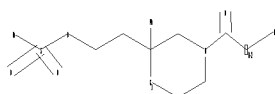
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

10590404

=>

Uploading C:\Program Files\Stnexp\Queries\10390404.str



chain nodes :

8 9 10 11 12 13 14 15 16 17 18 19

ring nodes :

1 2 3 4 5 6

chain bonds :

3-12 3-19 5-8 8-9 8-11 9-10 12-13 13-14 14-15 15-16 15-17 15-18

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 3-12 3-19 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15  
15-16 15-17 15-18

isolated ring systems :

containing 1 :

G1:O,CH2

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS

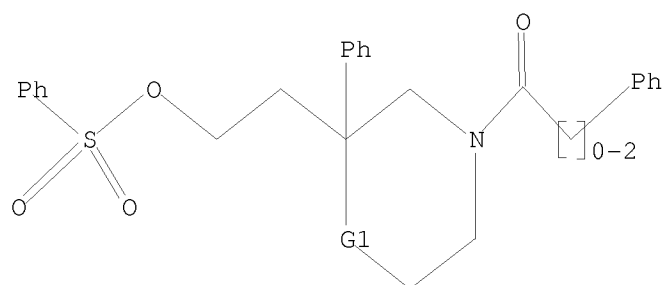
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

10590404



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:24:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 4 TO 200

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 10:24:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 54 TO ITERATE

100.0% PROCESSED 54 ITERATIONS

0 ANSWERS

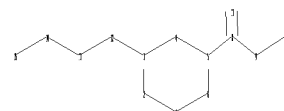
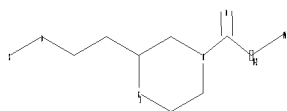
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

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Uploading C:\Program Files\Stnexp\Queries\10390404a.str

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chain nodes :  
8 9 10 11 12 13 14 15  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
3-12 5-8 8-9 8-11 9-10 12-13 13-14 14-15  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 3-4 3-12 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15  
isolated ring systems :  
containing 1 :

G1:O,CH2

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

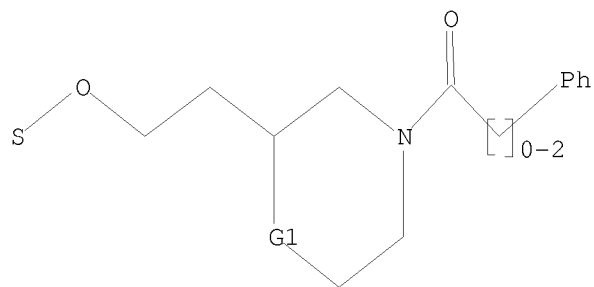
L4 STRUCTURE UPLOADED

=> d 14

L4 HAS NO ANSWERS

L4 STR

10590404



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 10:26:48 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 sss full

FULL SEARCH INITIATED 10:26:54 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 90 TO ITERATE

100.0% PROCESSED 90 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

L6 9 SEA SSS FUL L4

=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

358.10

358.31

FILE 'HCAPLUS' ENTERED AT 10:27:03 ON 29 OCT 2008

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FILE COVERS 1907 - 29 Oct 2008 VOL 149 ISS 18  
FILE LAST UPDATED: 28 Oct 2008 (20081028/ED)

HCAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16

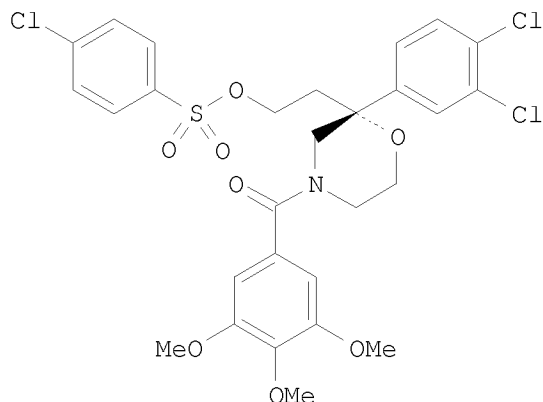
L7 7 L6

=> d 17 ibib abs hitstr tot

L7 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2006:11285 HCAPLUS  
DOCUMENT NUMBER: 144:108333  
TITLE: Process for preparation of morpholine derivatives and intermediates  
INVENTOR(S): Tomori, Hiroshi; Abe, Narumi; Susa, Kenji; Kobayashi, Keijiro; Takita, Takashi; Toriyama, Fumihiko  
PATENT ASSIGNEE(S): Sankyo Company, Limited, Japan  
SOURCE: PCT Int. Appl., 60 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006001326	A1	20060105	WO 2005-JP11514	20050623
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
JP 2006036760	A	20060209	JP 2005-183005	20050623
PRIORITY APPLN. INFO.:			JP 2004-186455	A 20040624
OTHER SOURCE(S):	MARPAT 144:108333			
GI				

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I

AB Disclosed is a novel method for producing morpholine derivs. via cyclization. For example, the compound I was prepared in a multi-step synthesis in good yield. This invention provides a convenient method to prepare morpholine derivs. with industrial advantages.

IT 872871-88-0P

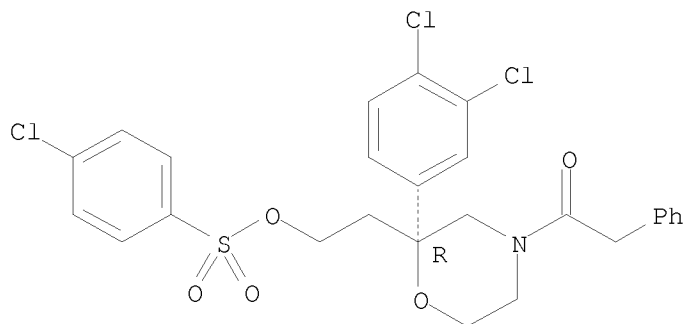
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)

(preparation of morpholine derivs. and intermediates via cyclization)

RN 872871-88-0 HCAPLUS

CN Benzenesulfonic acid, 4-chloro-, 2-[(2R)-2-(3,4-dichlorophenyl)-4-(2-phenylacetyl)-2-morpholinyl]ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:457067 HCAPLUS

DOCUMENT NUMBER: 133:89533

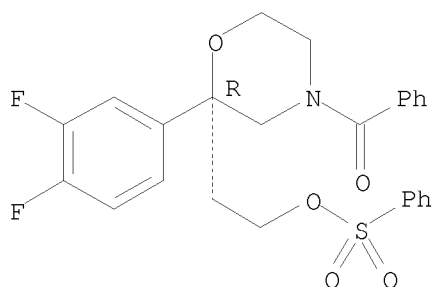
TITLE: Method for preparing  
(R)-(+)-3-[1-[2-[4-benzoyl-2-(3,4-difluorophenyl)morpholin-2-yl]ethyl]-4-phenylpiperidin-4-yl]-1,1-dimethylurea

INVENTOR(S): Aulombard, Alain; Bernon, Francoise; Bonnefoy,

PATENT ASSIGNEE(S): Sabrina; Burgos, Alain; Cabos, Claude; Lucas, Eric  
 SOURCE: Sanofi-Synthelabo, Fr.  
 PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000039126	A1	20000706	WO 1999-FR3123	19991214
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2787790	A1	20000630	FR 1998-16410	19981223
CA 2351539	A1	20000706	CA 1999-2351539	19991214
EP 1140923	A1	20011010	EP 1999-958317	19991214
EP 1140923	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002533462	T	20021008	JP 2000-591037	19991214
JP 3388232	B2	20030317		
HU 2002001322	A2	20021228	HU 2002-1322	19991214
AT 233759	T	20030315	AT 1999-958317	19991214
US 6392039	B1	20020521	US 2001-868562	20010619
MX 2001PA06465	A	20020208	MX 2001-PA6465	20010622
PRIORITY APPLN. INFO.:			FR 1998-16410	A 19981223
			WO 1999-FR3123	W 19991214
AB	The title compound was prepared by dimethylcarbamoylation of (+)-[2-[2-(4-amino-4-phenylpiperidin-1-yl)ethyl]-2-(3,4-difluorophenyl)morpholin-4-yl]phenylmethanone.			
IT	280766-21-4P RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (method for preparing (R)-(+)-3-[1-[2-[4-benzoyl-2-(3,4-difluorophenyl)morpholin-2-yl]ethyl]-4-phenylpiperidin-4-yl]-1,1-dimethylurea)			
RN	280766-21-4 HCAPLUS			
CN	Methanone, [(2R)-2-(3,4-difluorophenyl)-2-[2-[(phenylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)			

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1998:479024 HCAPLUS

DOCUMENT NUMBER: 129:136173

ORIGINAL REFERENCE NO.: 129:27841a,27844a

TITLE: Preparation of heterocyclic compounds as tachykinin receptor ligands

INVENTOR(S): Emonds-Alt, Xavier; Grossriether, Isabelle; Gueule, Patrick; Proietto, Vincenzo; Van Broeck, Didier; Taillades, Joelle

PATENT ASSIGNEE(S): Sanofi, Fr.

SOURCE: U.S., 65 pp., Cont.-in-part of U.S. 5,641,777.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5780466	A	19980714	US 1996-703729	19960827
FR 2729952	A1	19960802	FR 1995-1016	19950130
FR 2729952	B1	19970418		
FR 2729953	A1	19960802	FR 1995-8046	19950704
FR 2729953	B1	19970801		
FR 2729954	A1	19960802	FR 1995-13005	19951103
FR 2729954	B1	19970801		
IN 186766	A1	20011103	IN 1996-DE169	19960125
ZA 9600694	A	19960826	ZA 1996-694	19960130
US 5641777	A	19970624	US 1996-593938	19960130
JP 2001131171	A	20010515	JP 2000-342606	19960130
JP 2001172279	A	20010626	JP 2000-342571	19960130
EP 1156049	A1	20011121	EP 2001-119949	19960130
EP 1156049	B1	20050601		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
EP 1340754	A1	20030903	EP 2003-12771	19960130
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
IL 127114	A	20040927	IL 1996-127114	19960130
EP 1688416	A1	20060809	EP 2006-5775	19960130
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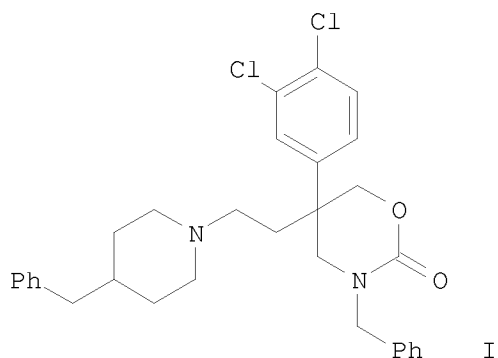
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IE, SI, LT, LV  
CN 1821241 A 20060823 CN 2006-10008868 19960130  
EP 1923391 A1 20080521 EP 2007-150446 19960130  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,  
SE, LT, LV, SI  
CN 101230008 A 20080730 CN 2007-10305915 19960130  
FR 2751654 A1 19980130 FR 1996-9439 19960726  
FR 2751654 B1 19981023  
US 5869663 A 19990209 US 1997-820716 19970318  
US 6011154 A 20000104 US 1998-4454 19980108  
HK 1041881 A1 20050729 HK 2002-103621 19980210  
US 5977359 A 19991102 US 1998-175332 19981020  
US 6242637 B1 20010605 US 1998-175331 19981020  
AU 9930133 A 19990819 AU 1999-30133 19990519  
AU 731788 B2 20010405  
JP 2002138088 A 20020514 JP 2001-339406 20011105  
JP 3943369 B2 20070711

PRIORITY APPLN. INFO.:

FR 1995-1016 A 19950130  
FR 1995-8046 A 19950704  
FR 1995-13005 A 19951103  
US 1996-593938 A2 19960130  
FR 1996-9439 A 19960726  
AU 1996-46669 A3 19960130  
CN 1996-191686 A3 19960130  
CN 2003-10119883 A3 19960130  
EP 1996-902305 A3 19960130  
EP 2001-119949 A3 19960130  
EP 2003-12771 A3 19960130  
EP 2006-5775 A3 19960130  
IL 1996-116957 A3 19960130  
JP 1996-523308 A3 19960130  
JP 2000-342571 A3 19960130  
US 1996-703729 A3 19960827  
US 1997-820716 A3 19970318  
HK 1998-100995 A 19980210

OTHER SOURCE(S): MARPAT 129:136173  
GI



AB R(CH<sub>2</sub>)<sub>m</sub>CR<sub>1</sub>R<sub>2</sub>CH<sub>2</sub>NR<sub>3</sub>R<sub>4</sub> [R = 4-substituted piperidino, 1-alkyl- or 1-benzyl-4-substituted piperidinium-1-yl, aryl(methyl)pyridinium-1-yl,

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etc.; R1 = (un)substituted Ph, -indolyl, -pyridyl, etc.; R2R3 = O2C, CH2O2C, OCO, OCH2CH2, NHCO, etc.; R4 = (hetero)arylmethyl, CHPh2, CPh3, etc.; m = 2 or 3] were prepared Thus, HOCH2CR1(CH2CH2OTHP)CH2NH2 (R1 = C6H3Cl2-3,4, THP = 2-tetrahydropyranyl) (preparation given) was cyclocondensed with COCl2 and the product converted in 4 steps to title compound I. Data for biol. activity of the title compds. were given.

IT 181642-90-0P 181643-32-3P 181643-53-8P

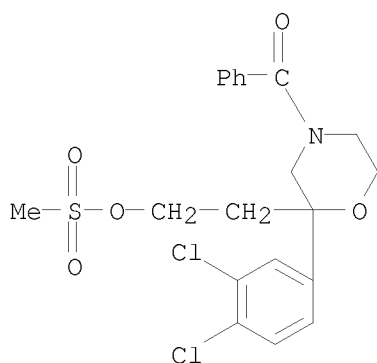
181643-56-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of heterocyclic compds. as tachykinin receptor ligands)

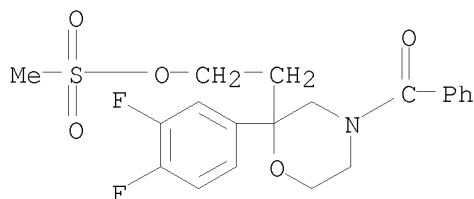
RN 181642-90-0 HCAPLUS

CN Methanone, [2-(3,4-dichlorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)



RN 181643-32-3 HCAPLUS

CN Methanone, [2-(3,4-difluorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)

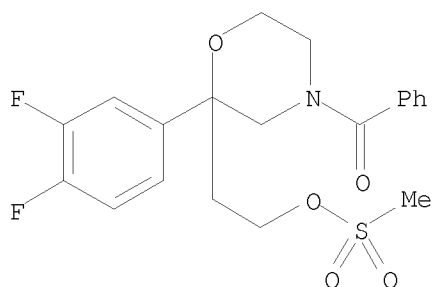


RN 181643-53-8 HCAPLUS

CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (-)- (9CI) (CA INDEX NAME)

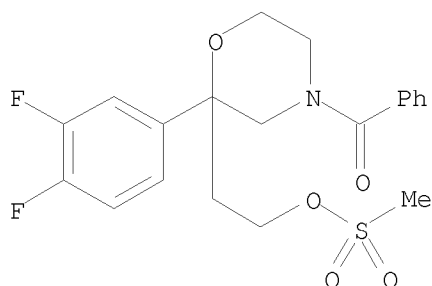
Rotation (-).

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RN 181643-56-1 HCAPLUS  
CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate  
(ester), (+)-(9CI) (CA INDEX NAME)

Rotation (+).



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 1998:147329 HCAPLUS  
DOCUMENT NUMBER: 128:205021  
ORIGINAL REFERENCE NO.: 128:40555a, 40558a  
TITLE: Preparation of quaternary ammonium compounds for use  
as tachykinin antagonists  
INVENTOR(S): Monaghan, Sandra Marina; Alker, David; Burns,  
Christopher John  
PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.  
SOURCE: PCT Int. Appl., 121 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9807722	A1	19980226	WO 1997-EP4414	19970811
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,				
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,				
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU				

10590404

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,  
GN, ML, MR, NE, SN, TD, TG

AU 9740153 A 19980306 AU 1997-40153 19970811

IN 1997DE02317 A 20050311 IN 1997-DE2317 19970819

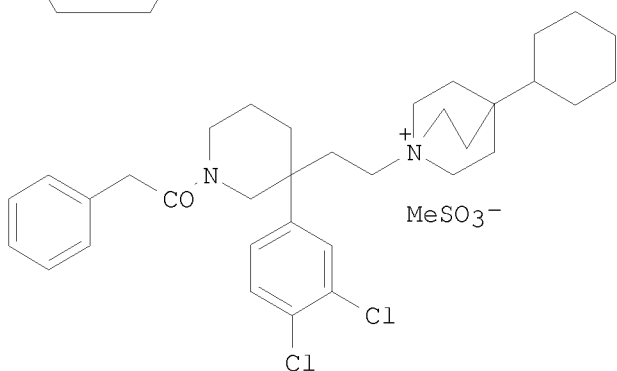
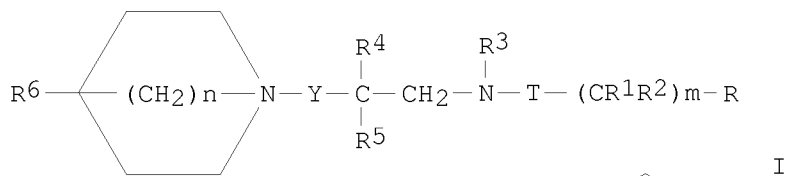
PRIORITY APPLN. INFO.:

GB 1996-17730 A 19960823

WO 1997-EP4414 W 19970811

OTHER SOURCE(S): MARPAT 128:205021

GI



AB Quaternary ammonium bicyclic compds. I [R = Ph, cycloalkyl, heteroaryl; R1 = R2 = H alkyl; R1R2 = alkylene; R3 = R4 = H, alkyl; R3R4 = alkylene; R5 = Ph, naphthyl, benzyl, thienyl, benzothenyl, indolyl; R6 = cycloalkyl; n = 1,2] were prepared for use as tachykinin receptor antagonists possibly useful for treatment of a variety of gastro-intestinal disorders. Thus, II was prepared from 4-cyclohexylquinuclidine and 3-(3,4-dichlorophenyl)-3-(2-methanesulfonyloxyethyl)-1-(phenylacetyl)piperidine. The prepared compds. were tested for NK1 and NK2 receptor antagonist activity.

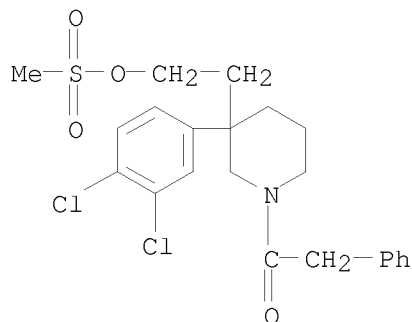
IT 146395-83-7P, 3-(3,4-Dichlorophenyl)-3-(2-methanesulfonyloxyethyl)-1-(phenylacetyl)piperidine 203943-07-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of quaternary ammonium compds. for use as tachykinin antagonists)

RN 146395-83-7 HCAPLUS

CN Ethanone, 1-[3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)

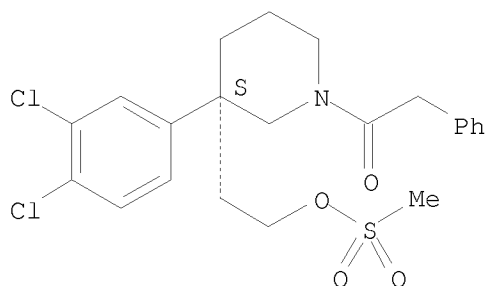
10590404



RN 203943-07-1 HCAPLUS

CN Ethanone, 1-[(3S)-3-(3,4-dichlorophenyl)-3-[2-[(methanesulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1997:564953 HCAPLUS

DOCUMENT NUMBER: 127:161836

ORIGINAL REFERENCE NO.: 127:31375a,31378a

TITLE: Preparation of 3-azetidinyllalkylpiperidines or -pyrrolidines as tachykinin antagonists

INVENTOR(S): Mackenzie, Alexander Roderick; Marchington, Allan Patrick; Middleton, Donald Stuart; Meadows, Sandra Dora

PATENT ASSIGNEE(S): Meadows, Sandra Dora, UK; Pfizer Research and Development Company, N.V./S.A.; Pfizer Ltd.; Pfizer Inc.; Mackenzie, Alexander Roderick; Marchington, Allan Patrick; Middleton, Donald Stuart

SOURCE: PCT Int. Appl., 127 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

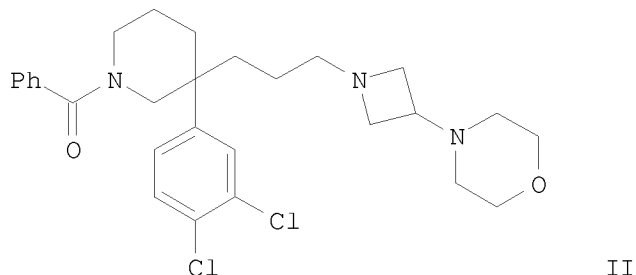
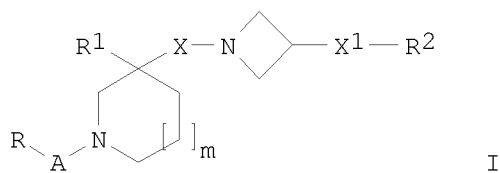
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9725322	A1	19970717	WO 1996-EP5613	19961209
W: AU, BG, BR, BY, CA, CN, CZ, HU, IL, IS, JP, KR, KZ, LK, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
TW 472054	B	20020111	TW 1996-85115107	19961206
CA 2237189	A1	19970717	CA 1996-2237189	19961209
CA 2237189	C	20020903		
AU 9711950	A	19970801	AU 1997-11950	19961209
AU 708282	B2	19990729		
EP 871623	A1	19981021	EP 1996-943119	19961209
EP 871623	B1	20030212		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LV, FI, RO				
CN 1207096	A	19990203	CN 1996-199510	19961209
JP 11501667	T	19990209	JP 1997-520769	19961209
JP 3123611	B2	20010115		
BR 9612412	A	19990713	BR 1996-12412	19961209
HU 9903590	A2	20000528	HU 1999-3590	19961209
HU 9903590	A3	20020128		
RU 2158264	C2	20001027	RU 1998-114667	19961209
JP 2000344741	A	20001212	JP 2000-136658	19961209
JP 3254205	B2	20020204		
IL 124309	A	20021110	IL 1996-124309	19961209
AT 232526	T	20030215	AT 1996-943119	19961209
PL 185723	B1	20030731	PL 1996-327665	19961209
ES 2190486	T3	20030801	ES 1996-943119	19961209
ZA 9700047	A	19980703	ZA 1997-47	19970103
US 6242438	B1	20010605	US 1998-297736	19980601
NO 9802651	A	19980609	NO 1998-2651	19980609
NO 311838	B1	20020204		
PRIORITY APPLN. INFO.:			GB 1996-235	A 19960105
			JP 1997-520769	A3 19961209
			WO 1996-EP5613	W 19961209
OTHER SOURCE(S):			MARPAT 127:161836	
GI				



AB The title compds. [I; R = (un)substituted C3-7 cycloalkyl, aryl, C1-6 alkyl; A = CO, SO<sub>2</sub>; R<sub>1</sub> = Ph, PHCH<sub>2</sub>, naphthyl, etc.; R<sub>2</sub> = CO<sub>2</sub>H, CONR<sub>3</sub>R<sub>4</sub>, CONR<sub>5</sub>(C3-7 cycloalkyl), etc.; R<sub>3</sub>, R<sub>4</sub> = H, C1-4 alkyl; R<sub>5</sub> = H, C1-4 alkyl, C3-7 cycloalkyl-C1-4 alkyl; X = C1-4 alkylene; X<sub>1</sub> = a direct link, C1-6 alkylene; m = 0-2], useful for treating an inflammatory disease such as arthritis, psoriasis, asthma or inflammatory bowel disease, a CNS disorders such as anxiety, depression, dementia or psychosis, a gastrointestinal disorders such as Crohn's disease, an urogenital tract disorder, an allergy such as eczema, contact dermatitis or rhinitis, a hypersensitivity disorder such as poison ivy, peripheral neuropathy such as neuralgia, or acute or chronic pain, were prepared Thus, reaction of 1-benzoyl-3-(3,4-dichlorophenyl)-3-(2-formylethyl)piperidine with 3-morpholinoazetidine.2HCl in the presence of Et<sub>3</sub>N in THF followed by addition of sodium triacetoxyborohydride and AcOH afforded the title compound II. Compds. I are effective at 0.5-5 mg/kg/day.

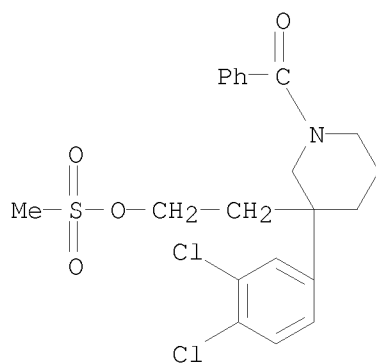
IT 193755-78-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 3-azetidinyllalkylpiperidines or -pyrrolidines as tachykinin antagonists)

RN 193755-78-1 HCAPLUS

CN Methanone, [3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]phenyl- (CA INDEX NAME)



L7 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1996:596130 HCAPLUS

DOCUMENT NUMBER: 125:247839

ORIGINAL REFERENCE NO.: 125:46332h, 46333a

TITLE: Preparation of substituted heterocyclic compounds as neurokinin receptor antagonists

INVENTOR(S): Emonds-Alt, Xavier; Grossriether, Isabelle; Gueule, Patrick; Proietto, Vincenzo; Van Broeck, Didier

PATENT ASSIGNEE(S): Sanofi, Fr.

SOURCE: PCT Int. Appl., 176 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 3

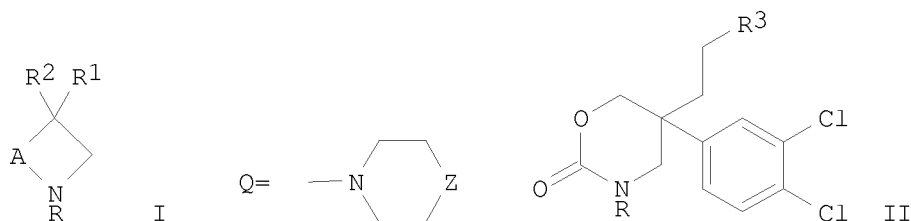
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9623787	A1	19960808	WO 1996-FR152	19960130
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN				
FR 2729952	A1	19960802	FR 1995-1016	19950130
FR 2729952	B1	19970418		
FR 2729953	A1	19960802	FR 1995-8046	19950704
FR 2729953	B1	19970801		
FR 2729954	A1	19960802	FR 1995-13005	19951103
FR 2729954	B1	19970801		
IN 186766	A1	20011103	IN 1996-DE169	19960125
CA 2211668	A1	19960808	CA 1996-2211668	19960130
CA 2211668	C	20050920		
AU 9646669	A	19960821	AU 1996-46669	19960130
AU 707901	B2	19990722		
ZA 9600694	A	19960826	ZA 1996-694	19960130
EP 807111	A1	19971119	EP 1996-902305	19960130
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV  
 CN 1172483 A 19980204 CN 1996-191686 19960130  
 CN 1089764 C 20020828  
 IL 116957 A 19990620 IL 1996-116957 19960130  
 JP 11507324 T 19990629 JP 1996-523308 19960130  
 JP 3234228 B2 20011204  
 HU 9800295 A2 19991028 HU 1998-295 19960130  
 HU 9800295 A3 20000228  
 NZ 301285 A 20000128 NZ 1996-301285 19960130  
 RU 2157807 C2 20001020 RU 1997-114938 19960130  
 JP 2001131171 A 20010515 JP 2000-342606 19960130  
 JP 2001172279 A 20010626 JP 2000-342571 19960130  
 EP 1156049 A1 20011121 EP 2001-119949 19960130  
 EP 1156049 B1 20050601  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV  
 AT 222251 T 20020815 AT 1996-902305 19960130  
 PT 807111 T 20021231 PT 1996-902305 19960130  
 ES 2181866 T3 20030301 ES 1996-902305 19960130  
 EP 1340754 A1 20030903 EP 2003-12771 19960130  
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 IE, SI, LT, LV  
 CZ 293134 B6 20040218 CZ 1997-2436 19960130  
 CN 1502612 A 20040609 CN 2003-10119883 19960130  
 CN 1293063 C 20070103  
 IL 127114 A 20040927 IL 1996-127114 19960130  
 CZ 294267 B6 20041110 CZ 2002-2243 19960130  
 AT 296823 T 20050615 AT 2001-119949 19960130  
 CN 1636983 A 20050713 CN 2004-10092931 19960130  
 CN 1295221 C 20070117  
 PT 1156049 T 20051031 PT 2001-119949 19960130  
 ES 2243373 T3 20051201 ES 2001-119949 19960130  
 EP 1688416 A1 20060809 EP 2006-5775 19960130  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV  
 CN 1821241 A 20060823 CN 2006-10008868 19960130  
 PL 192164 B1 20060929 PL 1996-321640 19960130  
 EP 1923391 A1 20080521 EP 2007-150446 19960130  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,  
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 CN 101230008 A 20080730 CN 2007-10305915 19960130  
 FI 9703148 A 19970929 FI 1997-3148 19970729  
 NO 9703479 A 19970929 NO 1997-3479 19970729  
 NO 308795 B1 20001030  
 HK 1041881 A1 20050729 HK 2002-103621 19980210  
 US 5977359 A 19991102 US 1998-175332 19981020  
 US 6242637 B1 20010605 US 1998-175331 19981020  
 AU 9930133 A 19990819 AU 1999-30133 19990519  
 AU 731788 B2 20010405  
 CN 1321634 A 20011114 CN 2001-116340 20010411  
 CN 1136188 C 20040128  
 CN 1321639 A 20011114 CN 2001-116341 20010411  
 JP 2002138088 A 20020514 JP 2001-339406 20011105  
 JP 3943369 B2 20070711  
 CN 1394855 A 20030205 CN 2001-143103 20011207  
 PRIORITY APPLN. INFO.: FR 1995-1016 A 19950130

FR 1995-8046	A 19950704
FR 1995-13005	A 19951103
AU 1996-46669	A3 19960130
CN 1996-191686	A3 19960130
CN 2003-10119883	A3 19960130
EP 1996-902305	A3 19960130
EP 2001-119949	A3 19960130
EP 2003-12771	A3 19960130
EP 2006-5775	A3 19960130
IL 1996-116957	A3 19960130
JP 1996-523308	A3 19960130
JP 2000-342571	A3 19960130
US 1996-593938	A3 19960130
WO 1996-FR152	W 19960130
US 1997-820716	A3 19970318
HK 1998-100995	A 19980210

OTHER SOURCE(S): MARPAT 125:247839  
GI



AB Title compds. [I; A = OCO, CH<sub>2</sub>OCO, NHCO, OCH<sub>2</sub>, etc.; R = (hetero)arylmethyl(carbonyl), CHPh<sub>2</sub>, etc.; R<sub>1</sub> = (un)substituted Ph, naphthyl, benzothienyl, etc.; R<sub>2</sub> = (CH<sub>2</sub>)<sub>m</sub>R<sub>3</sub>; R<sub>3</sub> = e.g., heterocyclic group Q; Z = (hetero)arylimino- or methylmethine, etc.; m = 2 or 3] were prepared. Thus, 3,4-Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>CH<sub>2</sub>CN was alkylated by BrCH<sub>2</sub>CH<sub>2</sub>R<sub>3</sub> (R<sub>3</sub> = 2-tetrahydropyranyloxy) and the product converted in 2 steps to 3,4-Cl<sub>2</sub>C<sub>6</sub>H<sub>3</sub>C(CN)(CH<sub>2</sub>OH)CH<sub>2</sub>CH<sub>2</sub>R<sub>3</sub> (R<sub>3</sub> as above) which was cyclocondensed with COCl<sub>2</sub> to give, in 2 addnl. steps, oxazinone II (R = CH<sub>2</sub>Ph) (III; R<sub>3</sub> = OSO<sub>2</sub>Me). The latter was aminated by 4-benzylpiperidine to give III (R<sub>3</sub> = 4-benzylpiperidino). I had K<sub>i</sub> of <10<sup>-8</sup>M for tachykinin receptors in vitro.

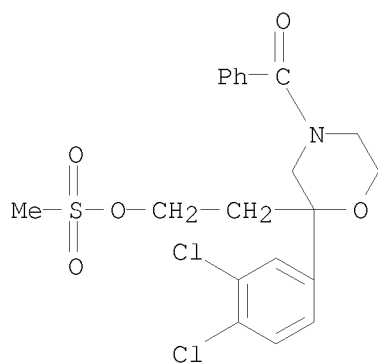
IT 181642-90-0P 181643-32-3P 181643-53-8P  
181643-56-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of substituted heterocyclic compds. as neurokinin receptor antagonists)

RN 181642-90-0 HCAPLUS

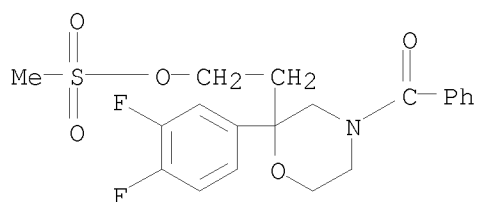
CN Methanone, [2-(3,4-dichlorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)

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RN 181643-32-3 HCAPLUS

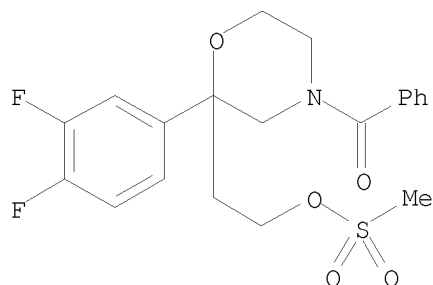
CN Methanone, [2-(3,4-difluorophenyl)-2-[2-[(methanesulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)



RN 181643-53-8 HCAPLUS

CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (-)- (9CI) (CA INDEX NAME)

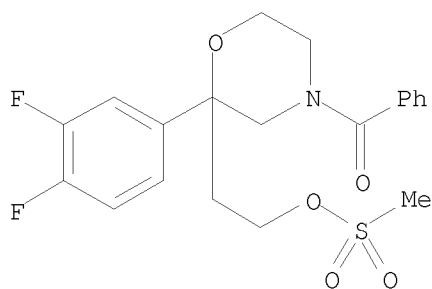
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RN 181643-56-1 HCAPLUS

CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (+)- (9CI) (CA INDEX NAME)

Rotation (+).



L7 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1993:124405 HCAPLUS

DOCUMENT NUMBER: 118:124405

ORIGINAL REFERENCE NO.: 118:21561a, 21564a

TITLE: Preparation of  
1-aryl(alkyl)-3-aryl-3-(piperidinoalkyl)piperidines  
and analogs as substance P and neurokinin antagonists

INVENTOR(S): Goulaouic, Pierre; Emonds-Alt, Xavier; Gueule,  
Patrick; Proietto, Vincenzo

PATENT ASSIGNEE(S): Elf Sanofi SA, Fr.

SOURCE: Eur. Pat. Appl., 75 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 512901	A1	19921111	EP 1992-401235	19920430
EP 512901	B1	19990623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE				
FR 2676055	A1	19921106	FR 1991-5487	19910503
FR 2676055	B1	19930903		
NO 9201734	A	19921104	NO 1992-1734	19920430
NO 178573	B	19960115		
NO 178573	C	19960424		
ZA 9203178	A	19930127	ZA 1992-3178	19920430
HU 61539	A2	19930128	HU 1992-1458	19920430
HU 220598	B1	20020328		
RU 2083574	C1	19970710	RU 1992-5011707	19920430
FI 101299	B	19980529	FI 1992-1951	19920430
FI 101299	B1	19980529		
AT 181550	T	19990715	AT 1992-401235	19920430
CZ 285409	B6	19990811	CZ 1992-1329	19920430
ES 2137176	T3	19991216	ES 1992-401235	19920430
CA 2067877	A1	19921104	CA 1992-2067877	19920501
CA 2067877	C	20020212		
AU 9215916	A	19921105	AU 1992-15916	19920501
AU 652046	B2	19940811		
IL 101760	A	19970218	IL 1992-101760	19920501
IL 117921	A	19970218	IL 1992-117921	19920501
BR 9201656	A	19921215	BR 1992-1656	19920504

10590404

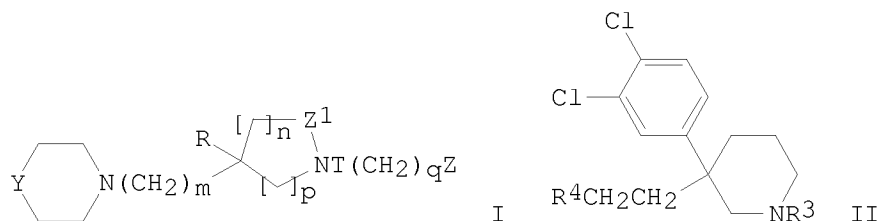
US 5340822	A	19940823	US 1992-878710	19920504
JP 05186425	A	19930727	JP 1992-113820	19920506
JP 3242980	B2	20011225		
US 5770735	A	19980623	US 1994-261269	19940615
FI 9501242	A	19950316	FI 1995-1242	19950316
FI 101298	B	19980529		
FI 101298	B1	19980529		
FI 9501243	A	19950316	FI 1995-1243	19950316
FI 114635	B1	20041130		
US 5625060	A	19970429	US 1995-463270	19950605
HK 1005138	A1	20000512	HK 1998-104344	19980519

PRIORITY APPLN. INFO.:

FR 1991-5487	A	19910503
FI 1992-1951	A	19920430
IL 1992-101760	A3	19920501
US 1992-878710	A3	19920504
US 1994-261269	A3	19940615

OTHER SOURCE(S): MARPAT 118:124405

GI



AB Title compds. [I; R = Ph, (benzo)thienyl, naphthyl, indolyl, etc.; T, Z1 = CO, CH2; Y = NR1, CX(CH2)xR2; R1 = Ph, PhCH2, cycloalkyl(methyl), pyridyl(methyl), etc.; R2 = Ph, pyridyl, thienyl; X = H, OH, alkoxy, acyloxy, CO2H, etc.; Z = Ph, naphthyl, pyridyl, thienyl, etc.; n, q = 0-3; p = 1, 2; x = 0, 1] were prepared. Thus, 3,4-Cl2C6H3CH2CN was condensed with 2-(2-bromoethoxy)tetrahydropyran and the product condensed with BrCH2CH2CO2Et to give, after cyclization and reduction, piperidine II (R3 = H, R4 = tetrahydropyranyloxy) which was N-acetylated with PhCH2CO2H and the product converted to II (R3 = COCH2Ph) (III; R4 = OSO2Me). The latter was condensed with 4-benzylpiperidine to give III (R4 = 4-benzylpiperidino) which had Ki of 8.3 nM for antagonism of substance P binding in vitro.

IT 146395-83-7P

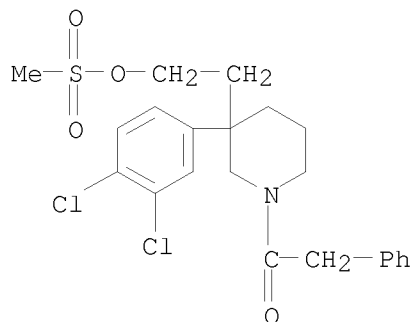
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of neurokinin and substance P antagonists)

RN 146395-83-7 HCAPLUS

CN Ethanone, 1-[3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)

10590404



=> FIL REGISTRY  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
75.81	434.12

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
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DICTIONARY FILE UPDATES: 28 OCT 2008 HIGHEST RN 1067631-14-4

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Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

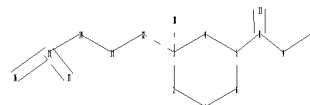
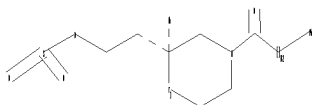
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10590404b.str

10590404



```
chain nodes :
8 9 10 11 12 13 14 15 16 17 18
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 3-18 5-8 8-9 8-11 9-10 12-13 13-14 14-15 15-17 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 3-18 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15
15-17 15-16
isolated ring systems :
containing 1 :
```

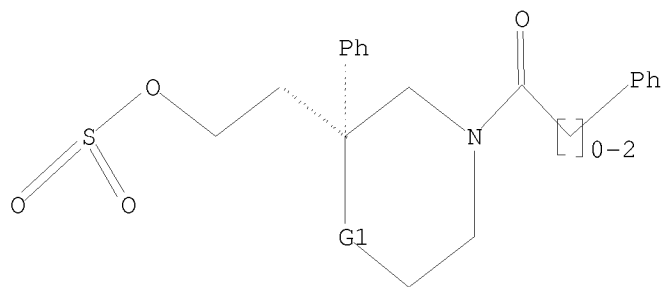
G1:O,CH2

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
```

L8 STRUCTURE UPLOADED

```
=> d 18
L8 HAS NO ANSWERS
L8 STR
```

10590404



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

=> s 18

SAMPLE SEARCH INITIATED 10:35:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s 18 sss full

FULL SEARCH INITIATED 10:35:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 89 TO ITERATE

100.0% PROCESSED 89 ITERATIONS

0 ANSWERS

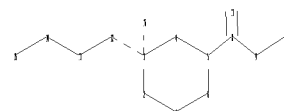
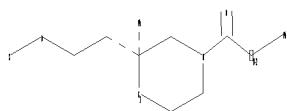
SEARCH TIME: 00.00.01

L10 0 SEA SSS FUL L8

=>

Uploading C:\Program Files\Stnexp\Queries\10590404c.str

10590404



chain nodes :  
8 9 10 11 12 13 14 15 16  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
3-12 3-16 5-8 8-9 8-11 9-10 12-13 13-14 14-15  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 3-4 3-12 3-16 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15  
  
isolated ring systems :  
containing 1 :

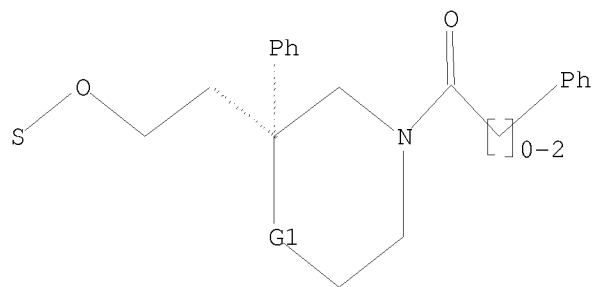
G1:O,CH2

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS

L11 STRUCTURE UPLOADED

=> d l11  
L11 HAS NO ANSWERS  
L11 STR

10590404



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

=> s l11

SAMPLE SEARCH INITIATED 10:36:56 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 5 TO 234

PROJECTED ANSWERS: 0 TO 0

L12 0 SEA SSS SAM L11

=> s l11 sss full

FULL SEARCH INITIATED 10:37:13 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 89 TO ITERATE

100.0% PROCESSED 89 ITERATIONS

0 ANSWERS

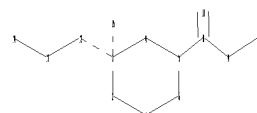
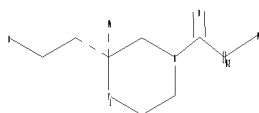
SEARCH TIME: 00.00.01

L13 0 SEA SSS FUL L11

=>

Uploading C:\Program Files\Stnexp\Queries\10590404x.str

10590404



chain nodes :  
8 9 10 11 12 13 14 15  
ring nodes :  
1 2 3 4 5 6  
chain bonds :  
3-12 3-15 5-8 8-9 8-11 9-10 12-13 13-14  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
exact/norm bonds :  
1-2 1-6 2-3 3-4 3-12 3-15 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14  
isolated ring systems :  
containing 1 :

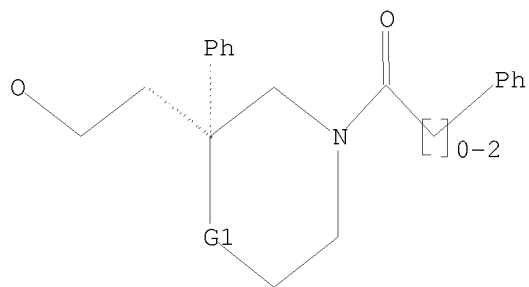
G1:O,CH2

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L14 STRUCTURE UPLOADED

=> d 114  
L14 HAS NO ANSWERS  
L14 STR

10590404



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

=> s l14

SAMPLE SEARCH INITIATED 10:38:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 13 TO ITERATE

100.0% PROCESSED 13 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 44 TO 476

PROJECTED ANSWERS: 0 TO 0

L15 0 SEA SSS SAM L14

=> s l14 sss full

FULL SEARCH INITIATED 10:38:28 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 269 TO ITERATE

100.0% PROCESSED 269 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L16 0 SEA SSS FUL L14

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

536.46

970.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-5.60

STN INTERNATIONAL LOGOFF AT 10:38:55 ON 29 OCT 2008